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China/Sub-C (55) 8CONSOLIDATED CHINA SPECIAL LIST

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China Special List Annex

INTERPRETATIVE NOTES

List Annex A.

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\*DOC Exempt Letter On File\*



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| Item No   | Description   | Source                                  |
|---|---|---|
| <u>METAL-WORKING MACHINERY (001-099 series)</u> |   |   |
| C-001   | Metal-working machinery and accessories<br>( <u>except</u> those designed specially for<br>the production of civilian hardware,<br>such as - but not limited to - needle,<br>pin, button and nailmaking machinery),<br>as follows :<br>(a) Metal-working machine-tools, and<br>accessories therefor, n.e.s.;<br>(b) Engineers' cutting and forming tools,<br>n.e.s. | C-001<br>All items of<br>001-099 series |

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| Item No   | Description  | Source |
|---|--|--------|
| <u>CHEMICAL AND PETROLEUM EQUIPMENT (101-199 series)</u>  |  |        |
| <u>A, CHEMICAL EQUIPMENT (101-149 series)</u>   |  |        |
| (Note : For definition of the term "corrosion-resistant materials", as used in various items below, see Interpretative Note No 1 in Consolidated China Special List Annex A). |  |        |
| <u>Specialised Processing Equipment</u>   |  |        |
| C-101   | Acid (mineral) concentrating equipment, n.e.s. as follows: 1101<br>(a) Complete installations;<br>(b) Unit components;<br>(c) Items of equipment specially designed therefor.<br>(See also item 1101.)   |        |
| C-102   | Ammonia oxidation equipment, as follows :<br>(a) Complete installations;<br>(b) Catalysts suitable for ammonia oxidation.  | 1102   |
| C-103   | Antibiotics production equipment, as follows :<br>(a) Complete installations;<br>(b) Specialised components thereof.   | 1103   |
| C-104   | Liquid/liquid solvent extraction equipment, n.e.s.<br>(See also item 1106.)  | 3110   |
| C-106   | High vacuum (4.5 mm of mercury pressure absolute or less) freeze-drying equipment as follows :<br>(a) Complete installations;<br>(b) Specialised parts, n.e.s., as follows : centrifugal vacuum spin-freezing apparatus, and multi-stage steam ejectors. | 1109   |
| C-107   | Driers for chemical processes, as follows :<br>(a) Continuous screen;<br>(b) Cylinder;<br>(c) Drum;<br>(d) Rotary;<br>(e) Spray;<br>(f) Vacuum.  | 3102   |

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| Item No   | Description   | Source               |
|---|---|----------------------|
| <u>CHEMICAL AND PETROLEUM EQUIPMENT (continued)</u> |   |                      |
| <u>A. CHEMICAL EQUIPMENT (continued)</u>            |   |                      |
| C-109   | Hydrogen-producing equipment, n.e.s. (water - gas, electrolytic, gas cracking, gas extraction processes).<br>(See also item 1112.)  | 1112                 |
| C-110   | Hydrogenation equipment, n.e.s., as follows :<br>(a) Complete installations;<br>(b) Catalysts suitable for hydrogenation.<br>(See also item 1151.)  | 1113                 |
| C-111   | Methanol oxidation equipment, as follows :<br>(a) Complete installations;<br>(b) Catalysts suitable for methanol oxidation.   | 1116                 |
| C-112   | Nitrators, n.e.s.<br>(See also item 1118.)  | 1118                 |
| C-113   | Chemical process vessels, tanks, and vats, and piping and allied fixtures, made of or lined with any corrosion-resistant material.  | 1141<br>2141<br>3140 |
| C-114   | Gas liquefying equipment and equipment for handling liquefied gas, designed for operation at pressures of 300 p.s.i. (21 kg. per sq. cm.) or over, n.e.s.<br><br>(Note : This includes steel cylinders for compressed or liquefied gases, whether or not with welded bottoms.)<br>(See also item 1110.) | 1110                 |
| C-115   | Sulphur (natural) extraction equipment, as follows :<br>(a) Complete installations;<br>(b) Unit components;<br>(c) Items of equipment specially designed therefor.  | 1123                 |
| C-116   | Sulphur burners and pyrites roasters.<br>(See also item 3124.)  | 1124                 |

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| Item No.  | Description  | Source               |
|---|--|----------------------|
| <u>CHEMICAL AND PETROLEUM EQUIPMENT (continued)</u> |  |                      |
| <u>A. CHEMICAL EQUIPMENT (continued)</u>            |  |                      |
| C-117   | Water treatment equipment, industrial ( <u>except</u><br>(i) non-chemical anti-scaling types;<br>(ii) stationary equipment for the treatment<br>of drinking water).  | 1127<br>3127         |
| C-118   | Heat exchangers (tubular), n.e.s., for industrial<br>processes and components thereof.<br>(See also International List Annex D, item 33).  | 2110                 |
| C-119   | Processing equipment operating at pressures over<br>200 p.s.i. (14 kg. per sq. cm.), n.e.s., as<br>follows:<br>(a) Complete installations;<br>(b) Unit components;<br>(c) Items of equipment specially designed<br>therefor (including, but not limited<br>to, autoclaves and digesters).<br>(See also item 3120.)   | 1120                 |
| C-120   | Distillation equipment (industrial) as follows:<br>(a) Fractionating, rectifying, and<br>dephlegmating columns, and parts<br>therefor (see also item 1151 (d));<br>(b) Destructive distillation equipment,<br>and parts;<br>(c) Stills designed to operate at absolute<br>pressure of 760 mm. and lower of<br>mercury; and parts therefor.   | 2101<br>3101         |
| C-121   | Evaporators, multiple-effect.  | 3105                 |
| <u>Compressors, Pumps and Valves</u>                |  |                      |
| C-131   | Pumps ( <u>except</u> vacuum pumps) delivering liquids<br>separately or in combination with solids<br>and/or gases and having any of the following<br>characteristics, n.e.s.:<br>(a) Fabricated of, or lined with, any<br>corrosion-resistant material;<br>(b) Designed to operate at temperatures<br>of 220° F (104° C) and over;<br>(c) Designed for working pressures of<br>75 p.s.i. (5.25 kg. per sq. cm.)<br>and over;<br>(d) The following parts: bodies and<br>rotors of centrifugal or rotary<br>pumps fabricated of, or lined with,<br>any corrosion-resistant material.<br>(NOTE: This does <u>not</u> include diesel and<br>fuel injection pumps, or pumps destined<br>for compressing the liquid in hydraulic<br>presses in conjunction with wood-working<br>planing machines.)<br>(See also items 1131 and 2129.) | 1131<br>2136<br>3131 |

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| Item No.  | Description   | Source       |
|---|---|--------------|
| <u>CHEMICAL AND PETROLEUM EQUIPMENT (continued)</u> |   |              |
| <u>A. CHEMICAL EQUIPMENT (continued)</u>            |   |              |
| C-132   | Vacuum pumps (and parts), n.e.s., all types (including mechanical, diffusion and ejector) which:  | 1132<br>2130 |
|   | (a) Are designed to produce a vacuum of 50 mm. of mercury pressure absolute or less (see also item 1132);   |              |
|   | (b) Regardless of vacuum produced, are fabricated of, or lined with, any corrosion-resistant material. (See also International List Annex D, item 26.)  |              |
| C-133   | Valves and cocks, n.e.s. as follows:  |              |
|   | (a) With pressure parts wholly made of, or wholly lined with, any corrosion-resistant material, <u>except</u> the following types of valves when made of or lined with corrosion-resistant materials other than molybdenum or alloys (as defined in Interpretative Note No.1 (1d) in Consolidated China Special List Annex A) or nickel metal or alloys (as defined in Interpretative Note No.1 (1a)) : | 1133         |
|   | (i) Check, non-return and float valves;   |              |
|   | (ii) Pressure relief valves designed for working pressures of less than 300 p.s.i. (21 kg. per sq. cm.);  |              |
|   | (iii) Valves and cocks for domestic household use, and those specially designed for milking machines and for electrical household refrigerators and home freezers;  |              |
|   | (b) Valves, controlled automatic types, as follows:   | 1134<br>2132 |
|   | Any pipe valve having partially or wholly integral with it a mechanism actuated by electric, hydraulic, pneumatic, mechanical or other means which regulates or controls its operations, <u>except</u> :  |              |
|   | (i) Check, non-return and float valves;   |              |
|   | (ii) Pressure relief valves designed for working pressures of less than 300 p.s.i. (21 kg. per sq. cm.); and  |              |
|   | (iii) Valves specifically designed for milking machines and for electric household refrigerators and home freezers;   |              |
|   | (c) Pipe valves, n.e.s., designed for working pressures of 300 or more p.s.i. (21 kg. per sq. cm.) (See also items 1133 and 2133 and International List Annex D; item 27.)  | 1135<br>2131 |

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| Item No.  | Description  | Source  |
|---|--|---|
| <u>CHEMICAL AND PETROLEUM EQUIPMENT (Continued)</u> |  |   |
| <u>A. CHEMICAL EQUIPMENT (Continued)</u>            |  |   |
| <u>Other Chemical Equipment</u>                     |  |   |
| C-140   | Storage or transportation containers, having any of the following characteristics :<br>(a) Tanks and vats, n.e.s., and piping and allied fixtures, made of, or lined with, any corrosion-resistant material;<br>(b) Drums (metal, empty) of 20 litres (5 U.S. or Imperial gallons) capacity, or more, made of, or lined with, any corrosion-resistant material ( <u>exceeding</u> containers designed for the transport of milk);<br>(c) Vacuum insulated of 25 litres (6.6 U.S. gallons or 5.5 Imperial gallons) capacity or more;<br>(d) Drums (metal, empty) of 200 litres (55 U.S. gallons or 45 Imperial gallons) capacity or more;<br>(e) Containers of the "jerry can" or similar type, n.e.s., i.e. containers of 15 litres (4 U.S. gallons) capacity or more, equipped with handles and watertight lids, and suitable for use in storing or transporting petroleum. | 3140<br><br><br><br><br>3143<br><br><br>1140<br><br>3144<br><br>C-150 |
| C-141   | Gauges for measuring pressures over 100 atmospheres (gauge pressures of 1470 p.s.i. or 103 k.g per sq. cm.)  | 1145  |
| C-142   | Moulding machines for plastics (extrusion, injection, and other).  | 1146  |
| C-143   | Pipe and tubing, n.e.s. made of, or lined with, any of the following corrosion-resistant materials :<br>(a) Metals containing 10 per cent or more chromium and/or nickel and/or silicon; metals containing 90 per cent or more silver or titanium;<br>(b) Carbon and/or graphite;<br>(c) Polyvinyl chloride; polyvinylidene chloride resin; phenol formaldehyde (see also items 1142 and 3142);<br>(d) Borosilicate glass ( <u>except</u> pipe and tubing specially shaped for laboratory use);<br>(e) High-temperature fused silica or quartz.  | 2142  |
| <u>B. PETROLEUM EQUIPMENT (150-199 sub-series)</u>  |  |   |
| C-151   | Petroleum refinery equipment, n.e.s.<br>(See also items 1151 and 1153)   | 1155<br>C-151   |

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| Item No. | Description | Source |
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ELECTRICAL AND POWER-GENERATING EQUIPMENT  
(201-299 series)

A. ELECTRICAL EQUIPMENT (except Power-Generating)  
(201-249 sub-series)

|       |  |                               |
|-------|--|-------------------------------|
| C-201 | Electric furnaces, n.e.s., and electrical<br>Component parts therefor, as follows:<br>(a) Induction melting furnaces, including<br>generating equipment of 480 cycles and<br>above;<br>(b) Direct or indirect arc furnaces;<br>(c) Submerged arc furnaces, and direct<br>resistance furnaces;<br>(d) Induction heat-treating furnaces,<br>including generating equipment of<br>480 cycles and above;<br>(e) Resistor melting furnaces and ovens<br>and resistor heat-treating, annealing<br>furnaces and ovens;<br>(f) Heating elements (resistors) for re-<br>sistor furnaces.<br>(See also International List Annex D, item 28.) | 1201<br>2201<br>3201<br>C-302 |
| C-210 | Welding machines and equipment, n.e.s., and<br>parts therefor (including electrodes - rod<br>and wire - n.e.s.).<br>(See also item 3202.)  | 1202<br>2210<br>C-210         |
| C-211 | Electrodes (artificial graphite), with cross<br>section 3/4 inch to 2 inches (19 to 50 mm.).   | 3385                          |

B. POWER-GENERATING EQUIPMENT (250-299 sub-series)

|       |  |   |
|-------|--|---|
| C-250 | Condenser tubes (seamless cupro-nickel).                               | 1250  |
| C-256 | Internal combustion engines, n.e.s.<br>(See also items 1255 and 3256.) | 1255<br>1256<br>1265<br>2250<br>2251<br>2255<br>3250<br>C-265 |

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| Item No.  | Description   | Source                        |
|---|---|-------------------------------|
| <u>ELECTRICAL AND POWER-GENERATING EQUIPMENT (Contd.)</u><br><u>B. POWER-GENERATING EQUIPMENT (Continued)</u> |   |                               |
| C-260   | Electric motors, n.e.s.<br>(See also items 1260, 1266, 2265 and 3265).  | 1260<br>2265<br>3265<br>C-260 |
| C-266   | Power equipment, as follows:<br>(a) Equipment, n.e.s., for electric generating, transforming, rectifying and converting, transmission, and power distribution; control gear and accessories, n.e.s., substation equipment, n.e.s.; and parts, n.e.s. for the foregoing (see also items 1266, 2266 and 3265);<br>(b) Plant for the production of fuel gas;<br>(c) Boiler-house plant for use with sub-items (a) and (b) above. | 2265<br>3265<br>3267<br>C-266 |
| C-270   | Turbines all types over 300 h.p., n.e.s.<br>(except those designed for driving electric generators).<br>(See also item 2270.)   | 2270                          |
| C-275   | Water-tube boilers, n.e.s. 80,000 pound-hours (36,300 kg. per hour) steaming capacity and above (<br>(See also items C-401, 1441 and 3441).   | 3260                          |

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| Item No. | Description | Source |
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GENERAL INDUSTRIAL EQUIPMENT (301-399 series)Metallurgical, Mill and Foundry Equipment

|       |   |              |
|-------|---|--------------|
| C-301 | Foundry plant, n.e.s.   | C-301        |
| C-302 | Furnace equipment : Pressure-top equipment (i.e., top equipment for blast furnaces designed to facilitate the retention during the recharging process of the pressure and temperature generated during the preceding heat for use with the new charge). | 2301         |
| C-303 | Crucibles, artificial and natural graphite.   | 1302<br>3301 |
| C-304 | Separators (electrostatic) having a voltage of more than 1,000 volts across the air gap; and parts.   | 1310         |
| C-305 | Sintering equipment for metallurgical purposes  | 1311         |
| C-306 | Tinning units, electrolytic-automatic continuous.   | 1315         |
| C-315 | Hard-chrome plating plants (except small barrel-type electro-plating plants for decorative purposes).   | C-315        |
| C-316 | Metal-spraying equipment.   | C-316        |

Construction and Conveying Machinery

|       |   |       |
|-------|---|-------|
| C-320 | Materials-handling equipment, as follows :<br>(a) Fork-lift trucks;<br>(b) Platform trucks;<br>(c) Other industrial-type trucks, tractors, trailers and stackers.<br>(NOTE: Sub-item (c) covers only equipment specially designed for materials handling, such as those equipped with crane booms and winches.) | C-375 |
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| Item No.  | Description  | Source  |
|---|--|---|
| <u>GENERAL INDUSTRIAL EQUIPMENT (Continued)</u> |  |   |
| C-321   | Civil engineering and building equipment<br>(including road and airport machinery), as follows:<br>(a) Concrete mixers (stationary and portable, including truck and trailer-mounted) and concrete transport truck-mounted agitators, capacity 18 cu.ft. (0.5 cu.m.) and over;<br>(b) Concrete pavers, paving spreaders and finishers;<br>(c) Bituminous mixing outfits, spreaders, pavers and mixer-paver combinations;<br>(d) Crushing and screening outfits; mobile and semi-portable knock-down types;<br>(e) Sub-graders and fine-graders;<br>(f) Self-propelled road graders;<br>(g) Self-loading scrapers (automatic), self-propelled and pull-push types (except hand-operated types);<br>(h) Road-rollers, self-propelled, tandem and three-wheel steel-tired types, 8-ton unballasted weight or over;<br>(i) Bulldozers; angle-dozers; trail-builders;<br>(j) Spray-guns, air operated types capable of placing 13.5 cu.ft. (0.38 cu.m.) or more of wet mixture of cement and sand per hour; and accessories therefor. | 3321<br><br><br><br><br><br><br><br><br><br><br><br><br><br>C-321<br>C-326<br>C-327 |
| <u>Rubber-working Machinery</u>                 |  |   |
| C-330   | Calenders (rubber-working) with 3 or more rolls and capable of handling fabric 55 inches (140 cm.) or over.  | 1330  |
| C-331   | Masterbatch mixers, with automatically controlled time cycle, chamber volume 130,000 cu.cm. or more  | 1331  |
| C-332   | Tyre-curing presses, single or multiple cavity capable of accommodating tyre moulds of a total outside depth of 10 inches (25.4 cm.) or over.  | 1332  |
| <u>Equipment for Other Specific Industries</u>  |  |   |
| C-350   | Carbon-black manufacturing plants, n.e.s.<br>(See also item 1350.)   | 1350  |

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| Item No. | Description | Source |
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GENERAL INDUSTRIAL EQUIPMENT (continued)

|       |  |                               |
|-------|--|-------------------------------|
| C-351 | Mining equipment and machinery, n.e.s.   | 1351<br>2350<br>3351<br>C-351 |
| C-352 | Equipment for the manufacture of synthetic (artificial) fibres, as follows:<br>(a) Filament extrusion and spinning machines;<br>(b) Spinnerets made of platinum and/or tantalum metals and/or alloys, capable of producing yarns of 500 deniers or more;<br>(c) Spinnerets made of stainless steel capable of producing yarns of 210 deniers or more.  | 2354                          |
| C-354 | Machines used for applying metal strip or sheet to form the outer conductor of coaxial electric cables.<br><br>(See also item 1354.)   | 2354                          |
| C-355 | Cable-making machinery for making multipair electric cables for telecommunication purposes, as follows:<br>(a) Machinery for applying insulating material to conductors ( <u>except</u> those covered by item 1354);<br>(b) Machinery for laying conductors together and/or for applying an insulating, separating, binding, or identifying material thereto;<br>(c) Machinery for laying up conductors, pairs, quads etc., into layers to form the complete cable core or part thereof. | 2355                          |

Other General Industrial Equipment

|       |  |                      |
|-------|--|----------------------|
| C-375 | Abrasives, as follows:<br>(a) Silicon carbide, crude and in grains<br>(b) Boron carbide;<br>(c) Natural corundum (not including emery);<br>(d) Fused aluminium oxide;<br>(e) Grinding wheels of silicon carbide <u>and</u> other articles incorporating these grains;<br>(f) Articles made of natural corundum (not including emery);<br>(g) Grinding wheels of fused aluminium oxide, <u>and</u> other articles incorporating these grains.<br>(NOTE: The following products are <u>excluded</u> from control under sub-items (e), (f) and (g). | 1374<br>2375<br>3374 |
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| Item No.  | Description  | Source |
|---|--|--------|
| <u>GENERAL INDUSTRIAL EQUIPMENT (continued)</u> |  |        |
| C-375<br>(contd.)                               | <p>(1) Sheets, cut strips, discs and belts with backing of kraft and/or rope paper, when the backing weighs 0.25 lb. per square yard (140 grams per sq. m.) or less and when the largest dimension does not exceed 12.6 inches (32 cm.);</p> <p>(2) Sheets, cut strips, discs and belts with textile backing, when the backing weighs 0.4 lb. per square yard (210 grams per sq. m.) or less and when the largest dimension does not exceed 12.6 inches (32 cm.);</p> <p>(3) Sheets, cut strips, discs and belts coated entirely (except for filler) with reclaimed corundum or reclaimed fused aluminium oxide;</p> <p>(4) Abrasives in paste form when the abrasives are reclaimed or, if primary abrasives are used, when they constitute less than 50 per cent of the weight;</p> <p>(5) Dental abrasives, as follows:</p> <ul style="list-style-type: none"> <li>(i) unmounted wheels up to 1 inch (25.4 mm.) in diameter where the arbor hole is less than 0.08 inch (2.03 mm.);</li> <li>(ii) wheels up to 1 inch (25.4 mm.) in diameter and points mounted on a mandrel less than 0.093 inch (2.36 mm.) in diameter;</li> <li>(iii) metal strips less than 5/32 of an inch (3.97 mm.) in width coated with abrasive grain;</li> <li>(iv) flexible metal discs up to 3/4 of an inch (19.05 mm.) in diameter, coated on one side with abrasive grain.</li> </ul> <p>(6) Grinding wheels of silicon carbide or aluminium oxide with all the following characteristics:</p> <ul style="list-style-type: none"> <li>(i) rubber-bonded;</li> <li>(ii) V-edged;</li> <li>(iii) 1.5 mm. or less in thickness;</li> <li>(iv) grit size finer than 240.</li> </ul> |        |
| C-376   | Air conditioning units (self-contained), with a capacity of over 8,000 British Thermal Units (2,000 kilocalories) per hour.  | 1375   |
| C-380   | Compressors and blowers, n.e.s. as follows:  | 1130   |
|   | (a) Compressors designed to operate with a delivery pressure exceeding 110 p.s.i. (7.7 kg. per sq. cm.) or with a capacity exceeding 250 cu. ft (7 cu.m.) free air delivered per minute;   | 1380   |
|   | (b) Turbo-compressors or blowers capable of operating at either:   | C-380  |
|   | <ul style="list-style-type: none"> <li>(1) speeds of 8,000 r.p.m. or over, or</li> <li>(2) with internal air flow at any point exceeding a Mach number of 0.7;</li> </ul>  |        |
|   | (c) Blowers capable of an overall compression ratio of 2:1 or more, coupled with a capacity of over 35,000 cu.ft. (991 cu.m.) per minute;  |        |
|   | (d) Compressors, n.e.s., and parts, regardless of delivery pressures and capacities, when fabricated of, or lined with, any corrosion-resistant material.  |        |
|   | (See also item 1380 and International List Annex D item 30.)   |        |

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| Item No.  | Description   | Source       |
|---|---|--------------|
| <u>GENERAL INDUSTRIAL EQUIPMENT (continued)</u> |   |              |
| C-381   | Portable hand-held power tools (pneumatic, electric and petrol operated) designed for the following uses:<br>(a) Metal working;<br>(b) Mining and quarrying;<br>(c) Transportation and transportation-servicing (railroads, locomotives and rolling-stock, ships, planes and motor transport).  | C-370        |
| C-382   | Jacks, 10-ton capacity and over.  | C-374        |
| C-383   | Crushing equipment, as follows:<br>(a) Crushers, grinders, and pulverizers (all types <u>except</u> for food processing);<br>(b) Colloid mills.   | 3381         |
| C-384   | Conveyor belting.   | 3380         |
| C-385   | Core drills, and core drill bits, n.e.s.<br>(See also items 1150 and 1386.)   | 1381<br>3150 |
| C-386   | All tools, n.e.s., including dies and slugs, incorporating diamonds.<br>(NOTE: This item does not include diamond tools used in dentistry);<br>(See also item 1386.)  | 1386         |
| C-387   | All articles incorporating diamond abrasives, n.e.s.<br>(NOTE: This item does not include diamond tools used in dentistry);<br>(See also item 1387)   | 1387         |
| C-388   | Dynamometers capable of absorbing more than 300 brake h.p.  | 1388         |
| C-390   | Graphite, as follows:<br>(a) Graphite (artificial) and amorphous carbon ( <u>excluding</u> charcoal), in forms (including scrap) whose largest dimension exceeds 25 inches (635 mm.) or whose smallest dimension exceeds 2 inches (50 mm.), or whose weight exceeds 6 lbs. (2.7 kg.);<br>(b) Powder (carbon only).<br>(See also International List Annex D, item 34.) | 1390         |

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| Item No. | Description | Source |
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GENERAL INDUSTRIAL EQUIPMENT (continued)

|       |   |      |
|-------|---|------|
| C-395 | Precipitators (electrostatic), capable of removing 90 per cent or more (by blackness test) of all airborne particles down to sizes as small as 1/250,000 of an inch (0.0001 in.); and specialised parts therefor. | 1395 |
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| Item No. | Description | Source |
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TRANSPORTATION EQUIPMENT (401-499 series)Vessels

|       |  |                       |
|-------|--|-----------------------|
| C-401 | Watercraft, n.e.s., and important components, n.e.s.<br>(See also items 1401, 1405, 1410, 1415,<br>1416, 1417, 1425, 1441, 2401, 2405, 2415,<br>2416, 3416, 3441). | 2260<br>2440<br>C-401 |
|-------|--|-----------------------|

Marine Equipment (except motors)

|       |   |               |
|-------|---|---------------|
| C-430 | Steel cable, rope, strand or cord of all types,<br>n.e.s., with or without a textile or fibre<br>core.<br>(See also items 1430 and 3430.) | 3430<br>C-430 |
|-------|---|---------------|

Automotive Equipment (except tyres)

|       |   |                                       |
|-------|---|---------------------------------------|
| C-450 | Motor vehicles and equipment as follows:<br>(a) Motor vehicles (including tractors,<br>trailers and motorcycles) n.e.s.,<br><u>except</u> the following: scooters,<br>tricycles under half-ton loading<br>capacity; and private touring (pas-<br>senger) cars designed or constructed<br>to carry not more than 6 persons.<br>(NOTE: The foregoing exclusion does<br>not apply to the following, even<br>if apparently designed or construct-<br>ed to carry not more than 6 persons:<br>crew cars (personnel carriers);<br>station wagons; utilities; pick-ups;<br>buses; kit cars);<br>(b) Chassis, components, and parts, n.e.s.;<br>(c) Servicing equipment and materials,<br>n.e.s.<br>(See also items 1321, 1450 and 2450.) | 1321<br>2326<br>3450<br>3451<br>C-450 |
|-------|---|---------------------------------------|

Railway Equipment

|       |   |              |
|-------|---|--------------|
| C-470 | Locomotives and locomotive parts, as follows:<br>General service (line), n.e.s., switching<br>and industrial locomotives; mine locomotives<br>(surface and underground) of all types and<br>sizes; and parts specially designed for the<br>above types of locomotives.<br>(See also items 1471 and 3470.) | 2470<br>3470 |
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| Item No. | Description | Source |
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TRANSPORTATION EQUIPMENT (continued)

|       |   |                               |
|-------|---|-------------------------------|
| C-471 | Railway rolling stock, n.e.s., and parts therefor.<br>(See also items 2479, 3472, 3474 and 3479.) | 1480<br>3471<br>3475<br>C-471 |
|-------|---|-------------------------------|

|       |  |              |
|-------|--|--------------|
| C-472 | Railway rails, n.e.s.<br>(NOTE: This item covers transportation and industrial types only, including but not limited to general service railway rails, grooved rails, mine rails, and light-railway rails.)<br>(See also item 3477.) | 2495<br>3477 |
|-------|--|--------------|

Other Transportation Equipment

|       |  |      |
|-------|--|------|
| C-485 | Steel castings and forgings for marine and railroad equipment. | 3485 |
|-------|--|------|

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| Item No. | Description | Source |
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ELECTRONICS AND PRECISION INSTRUMENTS (501-599 series)Radio, Radar and Other Telecommunication Apparatus

|       |  |  |
|-------|--|--|
| C-501 | Telecommunication equipment as follows:  | C-501  |
|       | (a) Telecommunications cable, n.e.s.;  | 3525   |
|       | (b) Telegraphic equipment, n.e.s. (see also items 1519 and 3519);  | 3519   |
|       | (c) Telephone switchboards and other telephone instruments, n.e.s. ( <u>except</u> domestic telephone instruments);  |  |
|       | (d) Radio transmitting apparatus and components therefor (including non-specialised components), n.e.s. (see also items 1517 and 3517);  | 2517   |
|       | (e) Radio communication receivers and components therefor (including non-specialised components), n.e.s., <u>except</u> domestic radio receivers.  |  |
|       | (NOTE: Export licences can be granted when small quantities of replacement parts for domestic radio receivers are involved and when, in accordance with the conditions and procedure of Document 782, the exporting country can justify that there is no doubt as to their <u>civilian</u> end-use). |  |
|       | (NOTE: Non-specialised components in sub-items (d) and (e) include all types of electronic valves (tubes), capacitors, resistors, transformers, chokes, coils, antennae and power supplies, (see also items 1541, 1544, 1545, 1549, 1555, 1558, 1559, 3522, 3535 and 3544.))                         | 1544<br>1552<br>1558<br>2522<br>2535<br>2544<br>2545<br>2546<br>3535 |
|       | (See also items 1501, 1502, 1507 and 1516.)  |  |
| C-502 | Detection apparatus, as follows:   | C-502  |
|       | (a) Ultrasonic detectors, n.e.s. (see also item 1510);   |  |
|       | (b) Electrocardiographs ( <u>except</u> those being exported in small quantities, where the exporting authorities have made sure that the equipment is intended for medical purposes and report the exports in accordance with the "exceptions" procedure in paragraph 3 of Document 782).           |  |

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| Item No.  | Description   | Source               |
|---|---|----------------------|
| <u>ELECTRONIC AND PRECISION INSTRUMENTS (continued)</u> |   |                      |
| C-503   | Ionosphere recording apparatus, fully automatic.  | 1505                 |
| C-504   | Sub-miniature electronic circuit components, including those specially designed for, or intended for, medical hearing aids.   | 2521                 |
| C-505   | Coaxial electric cable of all types, n.e.s., suitable for the transmission of frequencies of 100 or more kilocycles per second.<br>(See also item 1525.)                      | 3526                 |
| C-507   | Photoelectric cells with a peak sensitivity at a wave length longer than 7,000 Angstrom units, n.e.s.<br>(See also item 1548.)  | 1548                 |
| C-509   | Radar and radio navigation equipment, including direction finders, n.e.s.<br>(See also item 1509.)  | 1509<br>1512<br>1515 |
| <u>OTHER ELECTRONICS AND PRECISION INSTRUMENTS</u>      |   |                      |
| C-560   | Balances of sensitivity of 0.01 milligram or better, n.e.s.<br>(See also International List Annex D, item 32.)  | 1563                 |
| C-561   | Bridges for measuring capacitance, impedance, inductance, and/or resistance - precision types.<br>(See also items 1529 and 3529.)   | 3561                 |
| C-562   | Cartographic instruments, as follows:<br>(a) Map-making instruments for use with ground or air photographs;<br>(b) Instruments for studying and interpreting air photographs. | C-562                |
| C-563   | Electric or electronic impulse registers or counters designed to operate at over 20 counts per second.  | 2570                 |
| C-564   | Electronic heating instruments used in the metallurgical industry, n.e.s.   | C-572                |

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| Item No.   | Description  | Source       |
|--|--|--------------|
| <u>ELECTRONICS AND PRECISION INSTRUMENTS (continued)</u> |  |              |
| C-565  | Geophysical prospecting equipment, as follows:<br>(a) Seismometers;<br>(b) Gravimeters;<br>(c) Complete seismic exploration recording equipment, portable or designed for truck mounting; and the following units when specifically designed and/or designated therefor:<br>(1) Amplifiers with automatic volume control;<br>(2) Variable filters;<br>(3) Synchronized timing-photographic recording equipment (including recording oscillographs); and parts specifically designed therefor;<br>(4) Geophones; and parts specifically designed therefor;<br>(5) Electromagnetically-damped galvanometers;<br>(6) Equipment for surface shooting, employing shaped charges;<br>(d) Electronic or fluxgate magnetometers, n.e.s. (including airborne magnetometers).<br>(See also item 1571.) | 1571         |
| C-566  | Measuring and testing instruments for use in engineering workshops, n.e.s.   | C-563        |
| C-567  | Metallurgical microscopes, n.e.s., or devices (illuminators) specially designed or adapted for attachment to any other microscope, for the purpose of examination of opaque specimens, whether or not in combination with a camera (metallograph).<br>(See also item 1579.)  | 1579         |
| C-568  | pH meters, n.e.s.; and components thereof, as follows: electrodes, amplifiers, indicators, recorders and controllers specially adjusted or calibrated for pH measurements.<br>(See also item 2580.)  | 2580<br>3581 |
| C-569  | Optical curve generators (grinders, surfacers, and polishers) and parts, n.e.s., capable of producing: toric, cylinder, or spherical surfaces on glass or other material without the use of mating surfaces or laps.<br>(See also item 1582.)  | 1582         |
| C-570  | Oscilloscopes (cathode-ray) with time bases shorter than 2 micro-seconds, n.e.s.; and specialised parts therefor.<br>(See also item 1584.)   | 1584         |

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| Item No.  | Description   | Source |
|---|---|--------|
| <u>ELECTRONIC AND PRECISION INSTRUMENTS (continued)</u> |   |        |
| C-571   | Precision, scientific, and optical instruments, n.e.s., capable of being used in the development, production and testing of military equipment.<br><br>(See also 501-599 series in International Lists I, II, III)  | C-571  |
| C-572   | Pyrometers, as follows:<br><ul style="list-style-type: none"> <li>(a) Optical pyrometers - disappearing-filament types;</li> <li>(b) Radiation type pyrometers with sensitive receiver consisting of either a thermocouple (with or without protecting tube) or a "sighting" device whereby heat is focused on a thermopile by a lens or a mirror;</li> <li>(c) Parts for the above optical and radiation-type pyrometers, as follows: <ul style="list-style-type: none"> <li>(1) thermocouples (except those specified in item C-620 (c));</li> <li>(2) inconel protecting sheaths of impervious mullite or recrystallised alumina</li> </ul> </li> </ul>  | 1586   |
| C-573   | Quartz crystals and plates, n.e.s.<br><br>(See also item 1587.)   | 1587   |
| C-574   | Spectrographs, spectrometers, and monochrometers, as follows:<br><ul style="list-style-type: none"> <li>(a) Grating types, n.e.s., with, or designed for use with diffraction gratings (originals or replicas, plane or concave); and gratings therefor;</li> <li>(b) Prism types, n.e.s.: <ul style="list-style-type: none"> <li>(1) capable of a spectrum length of 20 cms. between 9,000 and 2,000 Angstrom units, or</li> <li>(2) designed for use with prisms having refracting face 35 mm. or more in width;</li> </ul> </li> <li>(c) Infra-reds types, n.e.s., having, when of prism pattern, an effective total prism base length over 2 inches (5 cm.)</li> </ul><br>(See also item 1591.) | 1591   |
| C-575   | Surveying instruments, as follows:<br><ul style="list-style-type: none"> <li>(a) Base line equipment;</li> <li>(b) Geodetic theodolites (first order instruments);</li> <li>(c) Precise theodolites having an accuracy better than 4 sexagesimal seconds by direct reading;</li> <li>(d) Theodolites, tachometers and transits with a telescope magnification of x15 or higher and reading direct to 1 sexagesimal minute or better;</li> <li>(e) Precise levels for first-order work;</li> <li>(f) Surveyors' and engineers' telescopic levels having telescope magnification of x15 or higher and an object glass aperture 1.2 inches (30 mm.) or larger.</li> </ul>                              | C-570  |

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| Item No.  | Description   | Source |
|---|---|--------|
| <u>ELECTRONIC AND PRECISION INSTRUMENTS (continued)</u> |   |        |
| C-576   | Telescopes and binoculars ( <u>except</u> opera glasses having no prisms and magnification less than x3 1/2).   | C-561  |
| C-577   | Voltmeters, ammeters, and microammeters, n.e.s., (including portable test type) - precision indicating types, with an accuracy of 0.5 per cent of full scale deflection.<br>(See also item 1594.) | 3580   |
| C-578   | Warburg apparatus for the examination of living tissue.   | 1596   |
| C-579   | X-ray tubes 1,000 P.K.V. and over.  | 1599   |
| C-580   | Absorption meters, infra red.   | 1561   |
| C-581   | Densitometers measuring directly by photo-multiplier tube.<br>(See also item 1591(d).)  | 1567   |
| C-582   | Electrometers ( <u>except</u> student type), n.e.s.<br>(See also International List, Annex D, item 20(c).)  | 1569   |
| C-583   | Leak-detecting instruments (instruments capable of detecting small leaks of gases under high vacuum or high pressure), n.e.s.<br>(See also International List Annex D, item 25.)                  | 1575   |
| C-584   | Micro-hardness testers.   | 1578   |
| C-585   | Oscillographs, recording.<br>(See also item 1584.)  | 1583   |
| C-586   | Strain gauge equipment, electric recording; and specialised parts therefor.   | 1592   |

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| Item No.  | Description   | Source                   |
|---|---|--------------------------|
| <u>METALS, MINERALS AND THEIR MANUFACTURES (601-699 series)</u> |   |                          |
| <u>Metal and Mineral Manufactures</u>                           |   |                          |
| C-601   | Anti-friction bearings and parts, n.e.s.,<br>(except : (i) "Low quality balls" as described in Interpretative Note No. 2 in International List Annex B; (ii) Unground steel ball bearings other than those made of low carbon (normal carbon) steel).<br>(See also items 1610, 2601 and 3601.)  | 1601<br>2601             |
| C-605   | Transformer and choke laminations and core assemblies, n.e.s., made of the following materials:<br>(a) Nickel and nickel base alloys;<br>(b) Electrical steel sheet or strip with a core loss of 0.59 watts per lb. (1.3 watts per kg.) or less at 10,000 gaussess and 50 cycles per second and with a thickness of 0.02 inch (0.5 mm.) or less (see also item 1631).   | 1661<br>1631<br>2630     |
| C-610   | Flexible metal tubing, n.e.s.,  | C-610                    |
| C-616   | Barbed wire.  | C-616                    |
| C-617   | Single or multicore electric power cables insulated with paper and metal sheathed, with or without armour and/or serving, n.e.s.  | C-650                    |
| C-620   | Platinum products, as follows:<br>(a) Gauzes manufactured from platinum or platinum alloys of 1024 mesh (squares) per sq. cm. or finer;<br>(b) Wire of platinum, rhodium platinum, or iridium platinum of a thickness of 0.5 mm. or less;<br>(c) Thermocouples manufactured from platinum or platinum alloys;<br>(d) Platinum tubing (including such tubing with bonded cores, linings, or sheaths of other metals or substances) (see also item 1658 (c)). | 1620<br><br><br><br>2610 |
| C-625   | Tinplate.   | 3625                     |

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| Item No. | Description | Source |
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|----------|-------------|--------|

METALS, MINERALS AND THEIR MANUFACTURES (continued)Basic Metals and Mill Products

|       |  |   |
|-------|--|---|
| C-630 | Aluminium or aluminium alloys in semi-fabricated forms, n.e.s. as follows:<br>(a) Wrought or worked material fabricated by rolling, drawing, extruding, forging, impact extruding, pressing, grainining, atomizing and powder metallurgy;<br>(b) Cast material produced by casting in sand, die, metal or plaster moulds.<br>(NOTE: This item excludes coverage of aluminium foil for wrapping purposes, provided that the foil is either:<br>(i) Embossed, printed or lacquered in sheets or coils; or<br>(ii) Plain sheets - with or without paper backing - the largest dimension of which does not exceed 8 inches (20 cm.)<br>(See also items 1636 and 2635.) | 2635  |
| C-635 | Iron and steel products, as follows:<br>(a) Pig-iron and ingot steel;<br>(b) Semi-finished and finished iron and steel, n.e.s., including alloy steel (e.g., ingots, castings, billets, pipes, tubes, plates, angles and girders);<br>(c) Iron and iron alloy powder of grain sizes less than 0.03 mm., except carbonyl iron powder covered by item 1605.<br>(See also items 1154, 1630, 1631, 1635, 2154, 2636, 3154 and 3636.)   | 1631<br>1635<br>2610<br>2630<br>3610<br>3630<br>C-635<br>1605 |
| C-640 | Antimony, n.e.s., as follows:<br>(a) Concentrates;<br>(b) Metal;<br>(c) Compounds ( <u>excluding</u> medicinals).<br>(See also item 3650.)   | 3635  |
| C-641 | Cadmium.   | 1645  |
| C-642 | Calcium metal.   | 1646  |
| C-643 | Ferro-chrome (low carbon) containing a maximum of 0.2 per cent carbon, n.e.s.<br>(See also item 3640.)   | 2640  |

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| Item No.   | Description   | Source |
|--|---|--------|
| <u>METALS, MINERALS AND THEIR MANUFACTURES (continued)</u> |   |        |
| C-650  | Lead, in semi-fabricated and other such forms, n.e.s., including but not limited to the following: sheet, strip, plate, pipe and tubing.<br>(See also item 3650.) | 3650   |
| C-651  | Lithium.<br>(See also International List Annex D, item 35.)   | 3651   |
| C-655  | Mercury and its compounds, n.e.s.,<br>(See also item 1655.)   | 3655   |
| C-658  | Molybdenum compounds, n.e.s.,<br>(See also items 1658 and C-704.)   | 1658   |
| C-660  | Nickel catalysts,<br>(See also item 1661.)  | 1661   |
| C-661  | Potassium metal.  | 3660   |
| C-662  | Sodium (metallic).  | 1666   |
| C-663  | Strontium, as follows:<br>(a) Ores and concentrates;<br>(b) Metal;<br>(c) Compounds.  | 1667   |
| C-664  | Sulphur bearing pyrites ( <u>i.e.</u> , iron pyrites and copper pyrites).   | 3663   |
| C-665  | Tin.<br>(NOTE: Recognised as presenting special problems.)  | 3665   |
| C-666  | Ferro-Titanium.   | 2666   |
| C-667  | Tungsten, as follows:<br>(a) Metal and alloys, including carbides, n.e.s. (see item 1668);<br>(b) Ferro-tungsten;<br>(c) Compounds (see also item C-704).         | 2667   |
| C-668  | Vanadium, as follows:<br>(a) Ores, concentrates and flue dust;<br>(b) Scrap;<br>(c) Metal and vanadium-base alloys (including ferro-vanadium).                    | 1675   |

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| Item No. | Description | Source |
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|----------|-------------|--------|

METALS, MINERALS AND THEIR MANUFACTURES (continued)

|       |   |      |
|-------|---|------|
| C-669 | Zinc, as follows:<br>(a) Pigs, slabs;<br>(b) Granulated;<br>(c) Die-casting alloys;<br>(d) All other forms ( <u>except</u> manufactures).   | 3670 |
| C-670 | Zirconium, n.e.s., as follows<br>(a) Metal and alloys (including ferro-zirconium);<br>(b) Compounds;<br>(c) Seamless pipe and tubing.<br>(See also International List Annex D, item S.) | 1679 |

Minerals

|       |   |                       |
|-------|---|-----------------------|
| C-680 | Raw and manufactured asbestos, n.e.s. ( <u>except</u> the following: Asbestos cement products; filter asbestos; asbestos jointing and packing).   | 1680<br>3680<br>C-680 |
| C-685 | Mica (strategic grades), as follows:<br>Block (good stained or better), film and muscovite splittings, and phlogopite splittings which conform to the American Society of Testing Materials standards or to India-Calcutta standards.   | 1691                  |
| C-690 | Steatite (talc), as follows:<br>(a) Machinable grade, block or lump, containing not over 1.5 per cent iron (Fe) in the form of iron oxide and not over 0.5 per cent lime (CaO);<br>(b) Non-machinable grade or in ground form, containing not over 1.5 per cent iron (Fe) in the form of iron oxide and not over 0.5 per cent lime (CaO). | 3690                  |

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| Item No.  | Description   | Source       |
|---|---|--------------|
| <u>CHEMICALS AND PETROLEUM PRODUCTS (701-799 series)</u>                                |   |              |
| (See also "Metals, Minerals and their Manufactures" for some metal chemical compounds.) |   |              |
| <u>A. CHEMICALS (701-767 sub-series)</u>  |   |              |
| C-701   | Explosives, n.e.s.<br>(See also International List Annex C, item 8.)  | 2742<br>3701 |
| C-702   | Flotation reagents, synthetic organic, as follows:<br>(a) Sodium and/or potassium alkylxanthates;<br>(b) Acetates of dodecylamine, and its higher homologues and mixtures thereof;<br>(c) Acetates of amines derived from natural fatty acids, whether hydrogenated or not;<br>(d) Dialkyl - or diaryl - dithiophosphoric acids; and their sodium, potassium, and ammonium salts;<br>(e) Quaternary trimethylammonium chloride from amines prepared from soya bean fatty acids. | 2701         |
| C-703   | Ships' bottom compositions : anti-corrosive and anti-fouling.   | 3702         |
| C-704   | Metallo-organic artificial colouring matters of cobalt, molybdenum or tungsten, n.e.s.<br>(See also item 1658(d).)  | 3703         |
| C-705   | Hydraulic fluids or oils, castor oil base.<br>(NOTE: See items 1702 and 1793 for other hydraulic fluids).   | 3705         |
| C-706   | Rubber-compounding agents, as follows:<br>(a) Anti oxidants;<br>(b) Non-mineral accelerators.<br>(NOTE: For list of rubber-compounding agents, see Interpretative Note No.2 in Consolidated China Special List Annex A).  | 1704         |
| C-710   | Acetic acid and acetic anhydride.   | 3709<br>3710 |

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| Item No.   | Description  | Source       |
|--|--|--------------|
| <u>CHEMICAL AND PETROLEUM PRODUCTS (continued)</u> |  |              |
| <u>A. CHEMICALS (continued)</u>                    |  |              |
| C-711  | Acetone.   | 3711         |
| C-712  | Aluminium chloride (anhydrous).  | 1710         |
| C-713  | Aniline.   | 3712         |
| C-714  | Barium chromate.   | 1713         |
| C-715  | Benzene or benzole.  | 3714         |
| C-716  | Bismuth compounds, including but not limited to those used in medicinal compounds.<br>(NOTE: This does not include medicinal preparations themselves which are mixtures containing other substances of therapeutic value. An illustrative listing of bismuth compounds is contained in Interpretative Note No.3 in Consolidated China Special List Annex A). | 2715         |
| C-717  | Calcium carbide.   | 3718         |
| C-718  | Carbon black, n.e.s.<br>(See also item 3716.)  | 1716         |
| C-719  | Cellulose, ethyl.  | 1717         |
| C-720  | Cellulose nitrate containing not more than 12.3 per cent nitrogen.   | 2719<br>3719 |
| C-721  | Chlorates; and preparations consisting mainly thereof.   | 3721         |
| C-722  | Chromium compounds, as follows:<br>(a) Sodium dichromate and chromate;<br>(b) Potassium dichromate and chromate;<br>(c) Chromic acid;<br>(d) Chrome oxide green;<br>(e) Zinc chromate.   | 3722         |
| C-723  | Cresylic acid including para- meta- and ortho-cresol and xyleneol.   | C-750        |

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| Item No.  | Description  | Source       |
|---|--|--------------|
| <u>CHEMICALS AND PETROLEUM PRODUCTS (continued)</u> |  |              |
| <u>A. CHEMICALS (continued)</u>                     |  |              |
| C-736   | Monochlorobenzene; mononitrobenzene.   | 1739<br>3748 |
| C-737   | Nitric acid; ammonium nitrate; potassium nitrate.<br>(See also International List Annex C, item 8 (b).)  | 2741         |
| C-738   | Paraffin wax; petroloum jelly.   | C-790        |
| C-739   | p-aminophenol and salts.   | 3746         |
| C-740   | p-phenylenediamine.  | 3747         |
| C-741   | Perchloric acid; and its salts.  | 3751         |
| C-742   | Permanganates : calcium and potassium.   | 1745         |
| C-743   | Persulphates : sodium, potassium and ammonium.   | 3749         |
| C-744   | Phosphorus, all kinds.   | 2752         |
| C-745   | Phosphoric acid catalyst (Victor).   | 1747         |
| C-746   | Phthalic anhydride; and phthalic esters<br>( <u>except</u> alkyl resins).  | 3754         |
| C-747   | Polyisobutylene.   | 2754         |
| C-751   | Silicon (e) organic compounds, n.e.s.<br>as follows:<br>(a) Silicon (e) high vacuum grease;<br>(b) Silicon (e) stopcock grease, high vacuum or regular.<br>(See also items 1755 and 3755.) | 1755         |
| C-752   | Sodium cyanide (chemical grades).  | 2757         |

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| Item No.  | Description  | Source       |
|---|--|--------------|
| <u>CHEMICALS AND PETROLEUM PRODUCTS (continued)</u> |  |              |
| <u>A. CHEMICALS (continued)</u>                     |  |              |
| C-753   | Sulphuric acid : 93 per cent $H^2SO^4$ and stronger, including oleum (fuming sulphuric acid).                        | 2762         |
| C-754   | Styrene (monomer); dichlorostyrene (monomer); polydichlorostyrene and its moulding powders, sheets, rods, and tubes. | 1758         |
| C-755   | Thallium bromiodide.   | 1760         |
| C-756   | Tricresyl phosphate.   | 3758         |
| C-757   | Vanadium compounds (including catalysts).  | 1766<br>3763 |
| C-758   | Vinyl; and vinylidene resins, n.e.s., moulding powders, sheets, rods, and tubes.<br>(See also item 3766.)            | 3766         |
| <u>B. PETROLEUM PRODUCTS (768-799 sub-series)</u>   |  |              |
| <u>Crude; Fuels; Lubricants</u>                     |  |              |
| C-770   | Naphtha mineral spirits and solvents (including coal tar naphtha).   | 3770         |
| C-771   | Petroleum asphalt.   | 3771         |
| <u>Additives, Blending Agents, etc.</u>             |  |              |
| C-787   | Liquid gum inhibitors.   | 1787         |
| C-788   | Coke, and coke flour, derived from:<br>(a) Petroleum; or<br>(b) Coal tar pitch.                                      | 1796         |

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| Item No. | Description | Source |
|----------|-------------|--------|
|----------|-------------|--------|

RUBBER AND RUBBER PRODUCTS (801-899 series)Rubber and Rubber Compounds

|       |  |       |
|-------|--|-------|
| C-801 | Synthetic rubbers, n.e.s., as follows:<br>(a) Neoprene;<br>(b) N-type (Nitrile).<br>(See also item 1801.)  | 1801  |
| C-802 | Rubber solution, n.e.s.  | C-801 |
| C-803 | Masterbatch (i.e., unvulcanized compounds or mixtures of natural and/or synthetic rubbers with carbon black and/or other rubber compounding agents). | 1802  |
| C-805 | Rubber scrap.  | C-840 |

Tyres and Tubes

|       |  |   |
|-------|--|---|
| C-820 | Tyres and tubes, n.e.s. (except those for scooters and pedal cycles).<br>(See also item 1820.) | 1820<br>1821<br>1822<br>2820<br>2821<br>3820<br>C-820 |
|-------|--|---|

Other Rubber Products

|       |  |      |
|-------|--|------|
| C-840 | Water-lubricated bearings, n.e.s.<br>(See also item 1840.)   | 1840 |
| C-841 | Rubber hose and tubing made from neoprene and N-types rubbers only with 1/2 inch (13 mm.) inner diameter and over. | 3840 |

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| Item No.                              | Description   | Source          |
|---------------------------------------|---|-----------------|
| <u>MISCELLANEOUS (901-999 series)</u> |   |                 |
| C-901                                 | Abaca and sisal : Fibres and cordage (yarn, twine, cord, rope).   | 3901            |
| C-905                                 | Asbestos textiles and yarn.   | 3910            |
| C-910                                 | Raw optical glass in the mass (tinted or untinted), as follows:   |                 |
|                                       | (a) Blocks, plates (slabs), pressings and moulds (other than rough-moulded lenses and prisms) with a unit weight of less than 1.0 kg; | 2910(a)<br>3909 |
|                                       | (b) Rough-moulded lenses with a unit weight of less than 0.5 kg. but more than 0.2 kg;  | 2910(b)         |
|                                       | (c) Rough-moulded prisms with a unit weight of less than 0.5 kg.  | 2910(c)         |
|                                       | (See also item 1910.)   |                 |
| C-920                                 | Photo-plan printing machines, non-optical.  | C-910           |
| C-930                                 | Nylon products, as follows:   | 3930            |
|                                       | (a) Nylon rope;   |                 |
|                                       | (b) Nylon parachute cloth, n.e.s. (see item 1930.)  |                 |

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LIST ANNEX A - INTERPRETATIVE NOTE NO.1

Corrosion-Resistant Materials  
(Chemical Equipment Category)

As used in various chemical equipment items on the Lists, the term "corrosion-resistant materials" means:

- (1) Metals or alloys containing any of the following:
  - (a) 10 per cent or more chromium and/or nickel and/or silicon;
  - (b) 75 per cent or more copper;
  - (c) 85 per cent or more aluminium; or
  - (d) 90 per cent or more zinc, tin, cadmium, indium, lead silver, titanium, molybdenum, tantalum or zirconium, either separately or combined.
- (2) Glass; ceramics; carbon; graphite; or other non-metallic materials of mineral origin.
- (3) Rubber (natural or synthetic); plastics; or synthetic resins.
- (4) Any other newly-developed corrosion-resistant materials.

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## LIST ANNEX A - INTERPRETATIVE NOTE No.2

Rubber-Compounding Agents

The following list of chemicals is intended to be covered by item C-706 as anti-oxidant or accelerator rubber-compounding agents:

I. Anti-Oxidants

## A. Aldehyde- and acetone-amines:

1. Acetaldehyde-aniline-hydrochloride.
2. p-Aminodiphenyl-acetone.
3. Aniline-acetone, acid derivatives.
4. Butyraldehyde-aniline.
5. Crotonilidene-A-naphthylamine.
6. Diphenylamine-acetone.
7. Phenyl-B-naphthylamine-acetone.

## B. Amino or hydroxy compounds:

1. Alkylated diphenylamine.
2. p-tert-Butyl-m-cresol sulphide.
3. 2:4-Diaminodiphenylamine.
4. p,p'-Diaminodiphenylmethane.
5. 2:5-Di-tert-arylhydroquinone.
6. B-Di-p-hydroxyphenylpropane.
7. 2:5-Di-tert-butylhydroquinone.
8. Di-isobutyl cresol.
9. p,p'-Dinethoxydiphenylamine.
10. N,N'-Di-B-naphthol-p-phenylenediamine.
11. N,N'-Diphenylethylenediamine.
12. N,N'-Diphenyl-p-phenylenediamine.
13. N,N'-Diphenylpropylenediamine.
14. Di-o-tolylothylenediamine.
15. Hydroquinone monobenzyl ether.
16. p-Hydroxydiphenylamine.
17. p-Hydroxy-N-phenylmorpholine.
18. p-Isopropoxydiphenylamine.
19. Phenyl-A-naphthylamine.
20. Phenyl-B-naphthylamine.
21. p-(p-Toluenesulphonamino) diphenylamine.
22. o-Tolyl-B-naphthylamine.

## C. Guanidines:

1. Dicatechol borate, di-o-tolylguanidine salt.

## D. Miscellaneous:

1. Dicrosyl disulphide.
2. Dicrosyl monosulphide.
3. Diphenylnitrosamine.
4. 2:2:4-Trimethyldihydroquinoline.
5. Triphenyl phosphite.
6. Methyl ethyl ketoxime.

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LIST ANNEX A - INTERPRETATIVE NOTE No.2 (Continued)

Rubber-Compounding Agents

II. Accelerators (Non-mineral)

A. Aldehyde-amines:

1. Acetaldehyde-anilino.
2. Butyraldehyde-N-butraldehyde ammonia.
3. N-Butyraldehyde-anilino.
4. A-Ethyl-B-propyl acryl anilino.
5. Formaldehyde-aniline (Methylene-anilino).
6. Formaldehyde-p-toluidine (Methylene-p-toluidine).
7. Heptaldehyde-anilino.
8. Triethyltrinitroethylenetriamino.

B. Dithiocarbamates:

1. Carbon disulphide-methylenodipiperidino.
2. Dibenzyl dithiocarbamic acid, zinc salt.
3. Dimethyl ethylenodiphenyl dithiocarbamic acid, lead salt.
4. 2:4-Dinitrophenyl dimethyl dithiocarbamate.
5. Diphenylguanidine salt of dibutyl dithiocarbamic acid.
6. Modified dithiocarbamate.
7. Piperidinium pentamethylene dithiocarbamate.
8. Piperidinium pentamethylene dithiocarbamic acid, potassium salt.
9. Anyl ammonium dimethyl dithiocarbamic acid, zinc salt.
10. Dibutyl dithiocarbamic acid, sodium salt.
11. Dibutyl dithiocarbamic acid, zinc salt.
12. Diethyl dithiocarbamic acid, copper salt.
13. Diethyl dithiocarbamic acid, selenium salt.
14. Diethyl dithiocarbamic acid, tellurium salt.
15. Diethyl dithiocarbamic acid, zinc salt.
16. Dimethyl dithiocarbamic acid, copper salt.
17. Dimethyl dithiocarbamic acid, lead salt.
18. Ethylene bis-(β-cyano ethyl dithiocarbamic acid), zinc salt.

C. Guanidines:

1. Diphenylguanidine.
2. Diphenylguanidine acetate.
3. Diphenylguanidine phthalate.
4. Di-o-tolylguanidine.
5. Triphenylguanidine.

D. Thiazolo derivatives:

1. Alkyl mercaptothiazole.
2. 2-(Benzoylthio) benzothiazole.
3. Bis-N,N'-(2-benzothiazylthiomethyl)urea.
4. N-Cyclohexyl-2-benzothiazole sulphonamide.
5. 2-(2':4'-Dinitrophenylthio) benzothiazole.
6. Disulphide alkylated 2-mercaptothiazole.
7. 2:2'-Dithiobisbenzothiazole (2:2'-Benzothiazyl disulphide).
8. N-Isopropyl-2-benzothiazole sulphonamide.
9. 2-Mercaptobenzothiazole.
10. 2-Mercaptobenzothiazole, copper salt.
11. 2-Mercaptobenzothiazole, sodium salt.
12. 2-Mercaptobenzothiazole, zinc salt.
13. 2-Mercaptobenzothiazole-formaldehyde-crocylic acid-hexamethylenetetramine.
14. 2-Mercaptobenzothiazole-methylene-anilino.
15. 2-Mercaptothiazoline.

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LIST ANNEX A - INTERPRETATIVE NOTE No.2 (continued)

Rubber-Compounding Agents

II. Accelerators (Non-mineral) (continued)

E. Thiurams:

1. Di-N pentamethylene thiuram tetrasulphide.
2. Mixed methyl ethyl thiuram disulphide.
3. Tetrabutyl thiuram monosulphide.
4. Tetraethyl thiuram disulphide.
5. Tetramethyl thiuram disulphide.
6. Tetramethyl thiuram monosulphide.
7. Tetramethyl thiuram tetrasulphide.

F. Xanthates:

1. Di-N-butyl xanthodisulphide.
2. Di-isopropyl xanthodisulphide.
3. Sodium isopropyl xanthate.
4. Zinc butyl xanthate

G. Miscellaneous:

1. Dibenzylamine.
2. p-Quinone dioxine dibenzoate.
3. Diethylthiourea.

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## LIST ANNEX A - INTERPRETATIVE NOTE NO.3

Bismuth Compounds

The following is an illustrative listing of some bismuth compounds included in the coverage of item C-716:

1. Bismuth-albuminate (bismuthose).
2. -ammonium citrate.
3. -bisalicylate.
4. -bitannate.
5. -bromide.
6. -cerium oxalate.
7. -cerium salicylate.
8. -cerium valerate.
9. -citrate.
10. -dithiosalicylate.
11. -formic-iodide.
12. -iodate.
13. -lactate.
14. -nitrate.
15. -oleate.
16. -oxybromide.
17. -oxychloride.
18. -oxyiodide.
19. -oxyiodogallate.
20. -nucleinate.
21. -permanganate.
22. -phenate.
23. -phenolsulphonate.
24. -phosphate.
25. -potassium iodide.
26. -pyrogallate.
27. -sodium-iodide.
28. -sodium pyrophosphate.
29. -sodium salicylate.
30. -sodium tartrate.
31. -subbenzoate.
32. -subcarbonate.
33. -subgallate.
34. -subnitrate.
35. -subsaliolate.
36. -sulphate.
37. -tribromophenate.
38. -trioxide.
39. -valeriate.